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Document ID: J P 2000-207691 A2

Title: RUNNING CONTROLLER FOR VEHICLE

Assignee: TOYOTA MOTOR CORP

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US Class:

Int'l Class: G08G 1/16 A; B60R 21/00 B; G08G 1/09 B; H04B 7/26 B

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Abstract:

PROBLEM TO BE SOLVED: To effectively avoid collision in the case that there is a probability of collision between vehicles.

SOLUTION: User's vehicle 10 and other vehicles A and B mutually transmit and receive running data by inter-vehicle communication. An ECU 16 evaluates a probability of collision between user's vehicle and other vehicles in accordance with running data; and if there is a probability of collision, determines priority between user's vehicle and other vehicles. When other vehicles have priority, the ECU 16 outputs a control signal to an actuator part 20 to execute the avoiding operation like speed deceleration after transmission of data indicating the avoiding operation of user's vehicle to other vehicles. Other vehicles do not execute the avoiding operation when receiving data indicating the avoiding operation from user's vehicle.

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